

R Radioactive Methods of Studying the Processes
of a Liquid Flow in a Porous Medium, by D. I.
Leipushinskaya, Ya. A. Pruslin,

^{4 K}
RUSSIAN, ~~Trudy Vses. Nauch. Tekh. Konf.~~
~~Primenen. Radioaktiv. i Stabil. Izotopov i~~
~~Izlisheni. v Narod. Khoz. i Nauke~~, 1957, Vol IV,
1958, pp 65-69.

ABC Tr-4205

Sci - Engr
24 Feb 61

144, 062

A Study of the Hydrodynamics of a Liquid in
the Conical Rotor of a Precipitation Centrifuge
by Means of Radioactive Isotopes, by M. A. E
Borts, L. S. Zarubin, V. S. Ksinskiy, L. L.
Kornak,

6K

RUSSIAN, ~~1957~~, Trudy Vses. Nauch. Tekh. Konf.
Primenen. Radioaktiv. i Stabil. Izotopov i
Ikh. Vozmozhn. v Nauch. i Nauke, 1957, Vol IV,
1958, pp 70-75.

AEC Tr-4206

141,063

Sci - Engr
24 Feb 61

Research on the Motion of Water in Peat Under
Laboratory and Field Conditions by Means of Radio-
active Isotopes, by M. P. Volarovitch, N. V.
Churnayev, B. A. Minkov,

^{bK}
RUSSIAN, 1957, Trudy Vses Nauch Tekh Konf
Primenen Radioaktiv i Stabl Isotopov i
Izucheni v Narod Khoz i Nauke, 1957, Vol IV,
1958, pp 76-81.

AEC Tr-4206

Sci - Engr
24 Feb 61

141,064

Application of Radioactive Isotopes for Investigating
Suspended Sediments in Rivers, by N. M. Arkhangel'skiy,

44
RUSSIAN, par, Trudy Vses. Nauch. Tekh. Konf.
Primenen. Radioaktiv. i Stabil. Izotopov i
Izluichenii v Narod. Khoz. i Nauke, 1957, Vol. IV,
1958, pp. 82-88.

AEC Tr-4206

Sci - Engr
24 Feb 61

144,065

Chemistry, by S. S. Medvedev, 33 pp.

RUSSIAN, bk. Trudy Vsesoyuznoy Nauchno-Tekhnicheskoy
Konferentsii po Primeneniyu Radioaktivnykh i
Stabil'nykh Izotopov i Izlucheniya v Narodnom
Khozyaystve i Nauche (4-12 Aprelya 1957 g), 1958,
pp 85-107.

ATTC MCL-582/III

Sci - Chem

Oct 60

128,483

Application of Radioactive Isotopes for
Studying the Mechanism of the Process of
Drying, by A. I. Veinik, A. S. Shubin,

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RUSSIAN, ~~ISS~~, Trudy Vses Nauch Tekh Konf
Primenen Radioaktiv i Stabil Izotopov i
Izucheni v Serod Khos i Nauke, 1957, Vol IV,
1958, pp 89-94.

ABC Tr-4206

Sci - Engr
24 Feb 61

141,066

AEC-tr-4497 Uncl.

TRANSACTIONS OF THE ALL-UNION SCIENTIFIC
TECHNICAL CONFERENCE ON THE USE OF RADIOACTIVE
AND STABLE ISOTOPES AND RADIATIONS IN THE
NATIONAL ECONOMY AND IN SCIENCE, APRIL 4-12,
1957. ISOTOPES AND RADIATION IN CHEMISTRY.
Translation of Trudy Vsesoyuz. Nauch.-Tekh.
Konf. po Primenen. Radioaktiv. i Stabil.
Izotopov i Izlucheni v Narod. Khoz. i Nauke,
Moscow, 1957 (1958). Izotopy i Izlucheniya v
Khim. 480p. 9096376, - 9096657

Chemistry; Isotope Application; Translations
STD. C-4
C-4 P NSA Dep.: §5 (OTS) N-2
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The Application of Radioactivity to Coal Preparation and W Quality Control, by V. B. Goroshko, 11 pp.

RUSSIAN, bk, Trudy Vsesoyuznyy Nauchno-Tekhnicheskoy Konferentsiy po Primeneniyu Radioaktivnykh i Stabilnykh Izotopov Izlyucheni v Narodnom Khozyaystve i Nauke, 4-12 Apr 1957, pp 228-235.

SLA 60-19931

Vol V, No 5
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All-Union Scientific Conference on the Application
of Radioactive and Stable Isotopes and Radiation
in the National Economy and Science, Moscow, 4-12 Apr
1957. Production of β Isotopes: Large Gamma-Ray
Installations: Radiometry and Dosimetry, 48 pp.

RUSSIAN, bk, Trudy Vses Nauch-Tech Konf po Primenen
Radioaktiv i Stabil Izotopov i Izlucheni v Narod
Khoz i Nauke, 1957, Polucheni Izotopov, Moshchnye
Gamma-Ustanovki, Radiometriya i Dozimetriya, 1958,
pp 169-209. 9098125

AEC Tr-4544 165,398

Sci - Nuc Phys
Aug 61

AEC-tr-4544(p.8-15) Uncl.

PRINCIPLES AND TECHNIQUES IN THE USE OF
RADIOACTIVE ISOTOPES AS POWERFUL GAMMA SOURCES
IN RADIOBIOLOGY AND MEDICINE. A. V. Bibergal,
U. Ya. Margulis, and V. G. Khrushchev.
Translated from Trudy Vsesoyuz. Nauch.-Tekh.
Konf. po Primenen. Radioaktiv. i Stabil.
Izotopov i Izluchenii v Narod. Khoz. i Nauke,
Moscow, 1957 (1958). Poluchenie Izotopov,
Moshchnye Gamma-Ustanovki, Radiometriya i
Dozimetriya, p.175-81. 9098135

C-23 P NSA

N-5

AEC-tr-4544(p.16-24) Unc1.

INSTALLATION FOR RADIATION CHEMISTRY RESEARCH
WITH A Co⁶⁰ GAMMA RADIATION SOURCE WITH AN
ACTIVITY OF 21,000 GRAM-EQUIVALENTS OF RADIUM.
A. Kh. Breger, V. A. Belynskii, V. L. Karpov,
S. D. Prokudin, and V. B. Osipov. Translated
from Trudy Vsesoyuz. Nauch.-Tekh. Konf. po
Primenen. Radioaktiv. i Stabil. Izotopov i
Izluchenii v Narod. Khoz. i Nauke, Moscow,
1957 (1958). Poluchenie Izotopov, Moshchnye
Gamma-Ustanovki, Radiometriya i Dozimetriya,
p.182-8. 9098/35

C-23 P NSA
N-7

AEC-tr-4544(p.25-8)-----Uncl.

THE COBALT EMITTER LABORATORY. A. V.
Babushkin, I. V. Voznesenskaya, N. G. Zhironov,
V. I. Zatulovskii, and Yu. L. Khmel'nitskii.
Translated from Trudy Vsesoyuz. Nauch.-Tekh.
Konf. po Primenen. Radioaktiv. i Stabil.
Izotopov i Izlucheni v Narod. Khoz. i Nauke,
Moscow, 1957 (1958). Poluchenie Izotopov,
Moshchnye Gamma-Ustanovki, Radiometriya i
Dozimetriya, p.189-92. 9098135

C-23 P NSA

N-7

AEC-tr-4544(p.29-35) Uncl.

THE SOURCES OF IONIZING EMISSIONS FOR
WORK IN RADIATION CHEMISTRY. V. I.
Zatulovskii. Translated from Trudy Vsesoyuz.
Nauch.-Tekh. Konf. po Primenen. Radioaktiv. i
Stabil. Izotopov i Izlucheni v Narod. Khoz. i
Nauke, Moscow, 1957 (1958). Poluchenie
Izotopov, Moshchnye Gamma-Ustanovki, Radio-
metriya i Dozimetriya, p.193-9. 9098135

C-23 P NSA

N-3

AEC-tr-4544(p.36-41) Uncl.

THE DESIGN OF AN EXPERIMENTAL SEMI-INDUSTRIAL
INSTALLATION FOR RADIATION DISINFESTATION
OF GRAIN. E. S. Pertsovskii, A. V. Bibergal,
and U. Ya. Margulis. Translated from
Trudy Vsesoyuz. Nauch.-Tekh. Konf. po
Primenen. Radioaktiv. i Stabil. Izotopov i
Izluchenii v Narod. Khoz. i Nauke, Moscow,
1957 (1958). Poluchenie Izotopov, Moshchnye
Gamma-Ustanovki, Radiometriya i Dozimetriya,
p.200-5. 9098135-

C-23 P NSA
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AEC-tr-4544(p.42-6) Uncl.

GAMMA EMITTERS IN THE PRESERVATION OF
FOOD PRODUCTS. N. D. Chernyaev. Translated
from Trudy Vsesoyuz. Nauch.-Tekh. Konf. po
Primenen. Radioaktiv. i Stabil. Izotopov i
Izluchenii v Narod. Khoz. i Nauke, Moscow,
1957 (1958). Poluchenie Izotopov, Moshchnye
Gamma-Ustanovki, Radiometriya i Dozimetriya,
p.206-9. 9098135

C-23 P NSA

N-3

Transactions of the All-Union Scientific Technical Conference on the Use of Radioactive and Stable Isotopes and Radiations in the National Economy and in Science, 4-12 April 1957. Prospecting and Development of Useful Minerals, 286 pp.

RUSSIAN, bk, Trudy Vsesoyuznoi Nauchno-Tekhnicheskoi Konferentsii po Primeneniyu Radioaktivnykh i Stabil'nykh Izotopov i Islucheni v Narodnom Khozyaistve i Nauke, Aprel 4-12, 1957. Rozvadka i Razrabotka Poleznykh Iskopaemykh, 1958. 90749887-v

AEC Tr-4475

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Aug 61

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Metallurgy and Metallography, 5-51 p/p.

RUSSIAN, bk, Trudy Vses Nauchno-Tekh K^unferentsii
po Primeneniye Khozyaystve i Nauke 4-12 Aprelya
1957. Metallurgiya i Metallovedeniye, Moscow,
1958, pp 64-69, 116-147, 189-196, 203-210, 222-
511.

6544674

*ATIC F- TS 9849/V

Sci - Min. Met

all Metall

Pulsation Phenomena During Combustion of Natural Gas in Combustion Chambers of Gas Turbine, by V. A. Khristich. 11 pp.

RUSSIAN, rpt, Trudy. Moscow, Vsesoyuznaya Nauchno-Tekhnicheskaya Konferentsiya po Probleme Vibratsionnogo i Pul'satsionnogo Goreniya. Ist, 1961. Sektor Nauchno-Tekhnicheskoy Informatsii Glav, 1962, pp 51-59.

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mar 69

377,915

REQUEST TR CHECK

7-4-31

BR70-1-163

0486

Effect of oils with additives on the efficiency of
exhaust valves in four-stroke high-compression
diesel engines

Blagovidov, I.F. Maister, Z.M. et al

Russ: Tr. Vses. Nauch. Tekh. Soveshch. Prasadkam

Miner. Maslam 2nd 1966 (Pub 1958) 295-306

In process as

HT-23-376-70

*Negative
11 Apr 70*

Rakhmanova, S. G.
PALEONTOLOGIC CHARACTERIZATION OF THE
KHOVANSKHINA BEDS IN SEVERAL SECTIONS ON
THE RUSSIAN PLATFORM. [1963] 7p.
Order from ATS \$10.75

ATS-49Q69R

Trans. of Vsesoyuznyi Nauchno-Issledovatel'skiy Inst. [Trudy] 1956, v. 9,
p. 62-67.

DESCRIPTORS: *Paleoecology, Geochemistry, Geophysics, Petrology, Scientific research, Exploration, *Paleontology.

(Earth Sciences--Geology, TT, v. 10, no. 5)

63-17470

1. Title: Khovanskhina beds
2. Title: Russian platform
- I. Rakhmanova, S. G.
- II. ATS-49Q69R
- III. Associated Technical Services, Inc.,
East Orange, N. J.

Office of Technical Services

Geochemical Symposium.

RUSSIAN, per, Trudy Vses Neftianogo Nauch-Issled
Geologo-Razvedochnogo Inst, Vol V, No 2-3, 1951,
270 pp.

PL-480

OTS 65-50089

Sci
Oct 64

TT-65-50089

(Excerpt) Fossil Foraminifera of the USSR
Journayellidae and Archaediscidae, by L. G. Dain,
L. P. Grozdilova.

RUSSIAN, par, Trudy Vses Soft Nauch-Issled Geolog
Inst (VNIIGI, No 74, 1953, pp 1-21, 49, 67-69,
114, 115.

ATS 34058
ATS RJ-1057

Sci
May 59

87,276

Dain, L. G. and Grozdilova, L. P.
FOSSIL FORAMINIFERA OF THE USSR (Iskopaemye
Foraminifery SSSR), tr. by Ivan Mittin. 1961 [20]p.
(figs. refs. omitted).
Order from CTS or SLA \$1.60 63-13868

Trans. of Vsesoyuz[ny] Neftyanoi Nach[no]-Iss[
[edovatel'skii] Geologo-Razv[edochnyi Inst[itut]. Trudy
(USSR) 1953, v. 74, p. 21-22, 26-31, 36-38.

DESCRIPTORS: Paleocology, *Foraminifera,
Taxonomy, Geology.

(Earth Sciences--Geology, TT, v. 9, no. 12)

63-13868

I. Dain, L. G.
II. Grozdilova, L. P.
III. Geological Survey,
Denver, Colo.

Office of Technical Services

The Interrelation of the Tar, Asphaltene,
Vanadium and Nickel Content in Some Crude
Oils and Solid Bitumens of a Petroleum Series,
by P. Ya. Iyosankova, A. P. Kurbetskaya.

RUSSIAN, per, Trudy Vsesoiuznyi Naftianoi
Nauchno-Issledovatel'skiy Geologicheskii
Inst., Vol XXXIII, 1955, pp 353-364.

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Petroleum Exp Sta Lib
Bartlesville, OKLA. Okla.
No 30

Sci - Fuels

Apr 59

84, 616

The Significance of Dynamics in the Formation
of Subsurface Waters on the Russian Platform,
by M. A. Gatal'skiy, 33 pp.

RUSSIAN, per, Trudy Vses Eeft Nauch-Issled
Inst 1 Geologo-Razvedochnogo Instituta Novaya
Seriya, Leningrad, No 95, 1955, pp 232-265.
9201014

Sci - Geophys

Jan 63

ONS 61-31046

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PST-603

220,082

61-28848

GEOLOGICAL STRUCTURE OF SECOND BAKU
PLATFORM REGIONS IN TERMS OF REGIONAL
GEOPHYSICAL EXPLORATION, tr. by A. Phillips.
June 61 [7]p. ACIC TC-273.
Order from OTS or SLA \$1.10 61-28848

Trans. of Vsesoyuznyi Neftyanol Nauchno-Issledov-
atel'skii Geologo-Kazvedochnyi Institut. Trudy
[Novaya Seriya] (USSR) 1956, no. 100, p. 263-266.

DESCRIPTORS: *Geology, *Geophysical prospecting,
Terrestrial magnetism, *Gravity anomalies, Maps.

Two schematized composite regional maps are put as
a basis for geological interpretation of result in geo-
physical explorations: gravity anomalies (g^A) and
anomalies of geomagnetic field (z^A) vertical compo-
nents. (Author)
(Earth Sciences--Geology, TT, v. 7, no. 3)

- I. ACIC TC-273
- II. Aeronautical Chart and
Information Center,
St. Louis, Mo.

Office of Technical Services

Geological Structure of Second Baku Platform Regions
in Terms of Regional Geophysical Exploration, by

RUSSIAN, per, Trudy Vses Neft Nauch Issled Geol
Inst, VNIGRI, No 100, 1956, pp 263-266.

ACIC

Sci - Geophys
Nov 61

173,431

The Role of Sulfur in the Transformation
of Petroleum in Nature, by P. F. Andreev,
V. V. Ivantsova.

RUSSIAN, per, Trudy Vsesoyuznyi Neftyanoi
Nauchno-Issledovatel'skii Geologo-
Razvedochnyi Institut, Geokhimicheskii Sbornik,
No 105, 1957, pp 66-77, No 4.
ATS 45-R78R

Apr 67

323,023

63-10223

Voronkova, L. D.
ELECTRICAL MODELING AND HYDRODYNAMIC
ANALYSIS OF JOINT PRODUCTION BY LAYERS

[1962] 13p. 4 refs.

Order from OTS or SLA \$1.60

63-10223

Trans. of Vsesoyuznyi Nauchno-
Issledovatel'skii Institut. Trudy (USSR) 1958, v. 12,
p. 242-251.

DESCRIPTORS: *Oils, Deposits, Motion, Liquids,
Porous materials, Partial differential equations,
*Economic geology, Model tests, *Hydraulic research.

In the present work equations of continuity of liquid
motion in communicating layers of uniform thickness
and permeability, are derived; on the basis of this de-
rivation, jointly producing layers can be modeled as a
single summary or "equivalent" layer with appropriate
hydrodynamic parameters.

(Mechanics--Hydraulics, TT, v. 10, no. 3)

1. Title: Electrical modeling
1. Voronkova, L. D.

Office of Technical Services

The Possibility of Identifying Oil Source
Rocks in the Carboniferous and Permian
of the Volga-Ural Region, by Z. L. Maimin.
UNCL

RUSSIAN, per, Trudy Vses. Naft. Nauch-Issled.
Geol. Inst, No 117, 1958, pp 252-276.

ATS RJ-1804

Sci - Geophys
Jan 60

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63-16988

Efros, D. A. and Onoprienko, G. P.
MODELING THE LINEAR OIL DISPLACEMENT BY
WATER. [1963] 46p. (non-Russian refs. omitted) 6 refs.
Order from OTS or SLA \$4.60 63-16988

I. Efros, D. A.
II. Onoprienko, G. P.

Trans. of Vsesoyuznyi Neftgazovyi Nauchno-Issle-
dovatel'skii Institut, Tudy (USSR) 1958, v. 12,
p. 331-360.

DESCRIPTORS: *Fluid flow, Oils, *Petroleum,
*Water, Rock (Geology), Porous materials, Hydrody-
namics, Viscosity, Impregnation, Test facilities.

The theoretical, basic conditions are given which must
be fulfilled if one wishes to set up experiments for the
expulsion of petroleum by water under conditions of
mono-dimensional, linear flow. It is shown that such
experiments have meaning only if the samples of the
porous medium employed are relatively long. From
(Earth Sciences--Geology, TT, v. 10, no. 7) (over)

Office of Technical Services

Malyavkina, V.S.

THE SPORES AND POLLEN OF THE LOWER
CRETACEOUS OF THE EASTERN GOBI DEPRES-
SION. [1961] [29]p.
Order from OTS or SLA \$2.60

61-15960

Trans. of [Vsesoyuznyi Neftyanoi Nauchno-
Issledovatel'skii Geologo-Razvedochnyi Institut.
Trudy](USSR) 1958, no. 119, p. 3-19.

DESCRIPTORS: *Spores, *Pollen, Geology, Mongolia,
Plants, Climatic factors.

In order to study the spore-pollen remains from the
Cretaceous deposits in the Mongolian Peoples'
Republic use was made of a collection of core samples
from 32 drill holes (about 700 samples) which were
collected by the geologists during a number of years.
The geologic research covered the territory south of
(Biological Sciences--Botany, TT, v. 7, no. 7) (over)

61-15960

I. Malyavkina, V. S.
II. Geological Survey of
Canada

Office of Technical Services

62-10442

Dvali, M. F.
GEOCHEMICAL INVESTIGATIONS IN CONNECTION
WITH OIL SEARCH-PROSPECTION. [1961] 19p.
Order from OTS or SLA \$1.60 62-10442

I. Dvali, M. F.

Trans. of Vsesoyuznyi Neftyanol'no-Isledovatel'skii Geologo-Razvedochnyi Institut.
Trudy (USSR) 1958, no. 123, p. 135-155.

DESCRIPTORS: *Geochemistry, *Petroleum, *Geophysical prospecting, Geology.

(Earth Sciences--Geology, TT, v. 7, no. 10)

Office of Technical Services

Geological Proof of the Deep Origin of Petroleum,
by H. A. Kudryavtsev, 19 pp.

RUSSIAN, per, Trudy Vses Neft Nauch-Issled
Geologo-Razvedochnyy Inst. Novaya Seliya,
No 132, 1959, pp 242-262.

ATS-96136R

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ITS, Vol III, No 8

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61-23965

Martynova, G. P.
DIVISION OF DEVONIAN DEPOSITS BY OSTRACODES,
tr. by C. de Leuchtenberg. 18 Apr 61 [16]p. 8 refs.
Order from OTS or SLA \$1.60 61-23965

Trans. of [Vsesoyuznyi Naftyanol Nauchno-Issledovat-
el'skii Geologo-Razvedochnyi Institut. Trudy] (USSR)
1959, no. 133, p. 112-120.

DESCRIPTORS: *Crustacea, Deposits, Paleoecology,
Geology, Rock, USSR.

Ostracodes were studied from the entire complex of
sedimentary rocks, beginning with the old Izhma-Omra
deposits and up to Famenian stage inclusively. The
oldest ostracode carrying deposits are those of Middle
Devonian from the S-E Timan foothills. No ostracodes
were found in the region of the Pechora ridge, in
Middle Timan and on Ukhta (river). (Author)

- I. Title: Ostracoda
- I. Martynova, G. P.
- II. Geological Survey of Canada

(Earth Sciences--Geology, TT
v. 7, no. 6)

Office of Technical Services

61-23967

Kashevarova, N. P.
GEOLOGY AND OIL [OCCURRENCES] OF THE
TIMAN-PECHORA REGION: [ON] THE STRATIGRA-
PHY OF UPPER PERMIAN [DEPOSITS] OF THE
SOUTHERN TIMAN, PT. I. 26 May 61, 38p.
Order from OTS or SLA \$3.60 61-23967

Trans. of [Vsesoyuznyi Neftyanoi Nauchno-Issledovatel'skii Geologo-Razvedochnyi Institut]. Trudy (USSR)
1959 [no. 133, p. 233-256].

DESCRIPTORS: *Geology. *Oils, Sedimentation,
Aquatic animals, Crustacea, Marine biology, Age,
Paleoecology, Shellfish.

(Earth Sciences--Geology, TT, v. 7, no. 7)

1. Title: Ostracoda
- I. Kashevarova, N. P.
- II. Geological Survey of Canada

Office of Technical Services

Kashevarova, N. P.
GEOLOGY AND OIL OCCURRENCES OF [THE]
TIMAN-PECHORA REGION: ON THE STRATIGRA-
PHY OF UPPER PERMIAN DEPOSITS OF SOUTHERN
TIMAN, PT. 2: DESCRIPTION OF SPECIES, tr. by
C. de Leuchtenberg, 28 Mar 61 [21p. (17 figs.
omitted) 27 refs.
Order from OTS or SLA \$2.60

61-23966

Trans. of Vsesoyuznyi Neftyanoi Nauchno-Issledovat-
el'skii Geologo-Razvedochnyi Institut, Trudy (USSR)
1959, no. 133, p. 257-271.

DESCRIPTORS: *Geology. *Oils, Crustacea, Aquatic
animals, Marine biology, Paleocology, Shellfish,
Age.

See also 61-23967

(Earth Sciences--Geology, TT, v. 7, no. 7)

61-23966

- I. Title: Ostracoda
- I. Kashevarova, N. P.
- II. Geological Survey of Canada

Office of Technical Services

Zaspelova, V. S.
OSTRACODA AND FORAMINIFERA OF THE
RUSSIAN PLATFORM AND CENTRAL ASIA. Sym-
posium 10 of the Microfauna of the USSR. [1961] 155p.
(17 tables figs. omitted) 46 refs.
Order from OTS or SLA \$11.50

61-19566

Trans. of Vsesoyuznyi Nauchno-Issledovatel'skii Geologo-Razvedochnyi Institut.
[Trudy] (USSR) 1959, no. 136 [p. 5-131].

DESCRIPTORS: *Crustacea, *Foraminifera, Paleo-
ecology, Deposits, Geology, Microorganisms,
Aquatic animals, USSR, Asia

(Earth Sciences--Geology, TT, v. 8, no. 3)

61-19566

- I. Title: Ostracoda
- I. Zaspelova, V. S.
- II. Title: Microfauna...
- III. Geological Survey of Canada

Office of Technical Services

62-17260

Smekhov, E. M., Goryunov, I. I., and Romm, E. S.
EXPERIENCE GAINED FROM SYSTEMATIC
STUDIES OF FRACTURED OIL AND GAS RESER-
VOIRS AND MEANS OF THEIR PRACTICAL AP-
PLICATION. [1962] 39p.
Order from ATS \$27.50

ATS-87P58R

Trans. of Vsesoyuz[nyi] Neftyan[oi] Nauch[no]
-Issledovatel'skii Geologo-Razvedochnyi Inst[itut].
Trudy (USSR) 1959, no. 114, p. 1-52.

DESCRIPTORS: Hydraulic research. Oils, Gases,
*Hydraulic reservoirs.

(Mechanics--Hydraulics, TI, v. 8, no. 2)

- I. Title: Hydraulic fracturing
- I. Smekhov, E. M.
- II. Goryunov, I. I.
- III. Romm, E. S.
- IV. ATS-87P58R
- V. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Polenova, E. N.
DEVONIAN OSTRACODS OF THE KUZNETS BASIN
AND MINUSINSK DEPRESSION. [1961] 256p. (13 plates
15 tables omitted) 13 refs.
Order from OTS or SLA \$16.50

62-13291

Trans. from Vsesoyuznyi Nauchno-Issledovatel'skiy Geologo-Razvedochnyi Institut.
Trudy (USSR) 1960, no. 152.

DESCRIPTORS: *Crustacea, Deposits, *Geology,
Paleoecology

(Earth Sciences--Geology, TT, v. 7, no. 12)

62-13291

1. Title: Ostracoda
2. Title: Minusinsk Basin
3. Title: Kuznets Basin
1. Polenova, E. N.
- II. Geological Survey
of Canada

Office of Technical Services

Lyubimova, P. S., Kazmina, T. A., and
Reshetnikova, M. A.
THE OSTRACODES OF THE MESOZOIC AND CE-
NOZOIC SEDIMENTS OF THE WEST SIBERIAN
LOWLAND. 16 Oct 61, 54p. (figs. tables omitted).
Order from QTS or SLA \$5.60 61-28793

Trans. from Vsesoyuznyi Neftyanoi Nauchno-Issle-
dovatel'skii Geologo-Razvedochnyi Institut. Trudy
(USSR) 1960, no. 160.

DESCRIPTORS: Siberia, *Crustacea, *Aquatic
animals, *Shellfish, *Marine biology, Paleoecology,
Sedimentation.

(Earth Sciences--Geology, TT, v. 7, no. 7)

61-28793

- I. Title: Ostracoda
- I. Lyubimova, P. S.
- II. Kazmina, T. A.
- III. Reshetnikova, M. A.
- IV. Geological Survey of Canada

Office of Technical Services

Thermocatalytic Conversion of Polycyclic Naph-
thenes From Crude Oil and the Question of Their
Genesis, by A. I. Bogomolov, K. I. Panina, et al.

20 pp.

RUSSIAN, per, Trudy Vsesoyuznyi Neftyanoi Nauchno-
Issledovatel'skii Geologo Razvedochnyi Institut,

No 155, 1960, pp 194-212.

ETC TT-63=27102

Sci/B&M

Jun 67

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Age Relationship of the Rakovka and Lower
Malinovka Deposits of the Kama-Kinal Basin,
based on the Ostracode Study, by V. A.
Chizhova, 10 pp.

RUSSIAN, per. Vses Naft Nauchno-Issled Inst
(VIII), Trudy, 1960, Vol. XXI, pp 181-186.

Dept of Interior
QE3 E57 No 44

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Sci - Geophya

Sep 61

The Role of Bacteria in the Transformation of Hydrocarbons and Asphalto-Bituminous Components of Paraffin-Base Petroleum Under Anaerobic Conditions, by T. L. Simakova, N. V. Strigaleva. 38 pp

RUSSIAN, per, Trudy Vses Neft Nauch-Issled ~~Geolog-Razved~~
Geolog-Razved, No 174, 1961, pp 77-97. 9680262

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*FTD-TT-62-1449

Sci - Chem

Oct 62

On the Geochemical Study of Petroleum by the
Isotopic Analysis Method, by I. M. Adelberg.
RUSSIAN, per, Vsesoyuznyi Neft'yanoi Nauchno-
Issledovatel'skii Geologo-Razvedochnyi Institut.
Trudy, No 174, 1961, pp 186-195.
NRC-C-11449
NTC 72-60791-08D

Jan 73

Low Temperature Catalytic Transformations of Organic
Compounds on Clays. Reactions of Abietic Acid, by
A. I. Bogomolov.

RUSSIAN, per, Trudy Vsesoiuznyi Neftianoi Nauchno-
Issledovatelskiy. Geologo-Razvedochnyi Institut,
No 212, 1963, pp 77-86.

*NTIS TT 71-51021

Dec 71

S-984/63

Low-Temperature Catalytic Conversions of Organic Compounds Over Clays (Conversion of Stearic Acid), by
A. I. Bogomolov, et al. SF-2880 330

RUSSIAN, per, Trudy Vses Neftyanoi Nauchno-Issled
Geologo-Razvedochnyi Institut, Geokhimicheskiy Sbornik,
Issue 155, No 6, 1960, pp 163-193.

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S-984/63

Low-Temperature Catalytic Conversions of Organic Compounds Over Clay. II. Conversion of Oleic Acid, by A. I. Bogomolov, K. I. Panine. SF-2880 1/ps.

RUSSIAN, per, Trudy Vses Neftyanoi Nauchno-Issled Geologo-Razvedochnyi Inst, Geokhimicheskiy Sbornik, Issue 174, No 6, 1961, pp 17-25.

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Low Temperature Catalytic Conversions of Organic
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A. I. Bogomolov, K. ~~XX~~ I. Panina. SF-2880 11/88

RUSSIAN, per, Trudy Vses Neftyanoi Nauchno-Issled
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Issue 174, No 6, 1961, pp 26-34.

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Triassic and Jurassic Ostracods of the East
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Issled. Inst., Vol XCVIII, 1956, pp 553-589.
NIL RTS 5556
(On Loan or Purchase)

Sci-B&M

Apr 67

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The Effect of Novocaine, Dicaine, and Eucaine on
the System; Comparative Experimental Study, by
V. A. Babichev.

RUSSIAN, per, Tr Vsesoiuz Obshch Fiziol, Vol III,
1956, pp 140-146.

NIH 2

Sci - Med

Sep 58

73 310

62-24588-1

QUESTIONS OF ONCOLOGY. PT. I. THEORETICAL
ONCOLOGY (Voprosy Onkologii) tr. by Zelda Knowlea
1953 [375]p.
Order from OTS or SLA \$21.00 62-24588-1

Trans. of mono. Trudy Vsesoyuznoi Onkologicheskoi
Konferentsii (All-Union Oncological Conference)
(no. 2) [held at] Leningrad, Jan 47, Moscow, 1950,
p. 1-184.

DESCRIPTORS: *Tumors, *Cancer, Sarcoma,
*Neoplasms, Etiology, *Viruses, *Genetics,
*Proteins, *Mammary glands, Milk, *Hydrocarbons,
Tissues, (Biology), *Immunization, *X-rays,
Histology, *Embryology, Pneumonia, *Lungs.

Contents:
Etiology and Pathogenesis of Malignant Tumors, by
N. N. Petrov
(Biological Sciences--Pathology, TT, v. 8, no. 9)
(over)

I. Title: Theoretical . . .
II. Title: All-Union . . .
III. National Institute of
Health, Bethesda, Md.

Office of Technical Services

62-24588-2

QUESTIONS OF ONCOLOGY. PT. II: CANCER OF
THE ESOPHAGUS AND STOMACH (Voprosy Onkol-
ogii) tr. by Zaida Knowles. 1953 [259]p.
Order from OTS or SLA \$16.50

62-24588-2

Trans. of mono. Trudy Vsesoyuznoi Onkologicheskoi
Konferentsii (All-Union Oncological Conference)
(no. 2) [held at] Leningrad, Jan 47, Moscow, 1950,
p. 187-204.

DESCRIPTORS: *Cancer, *Tumors, *Neoplasms,
*Esophagus, *Stomach, Peptic ulcers, *Diagnosis,
*X-rays, Thorax, Cells (Biology), *Surgery, *Lym-
phatic system, Abdomen, Peritoneum, Omentum,
*Excision.

Contents:

Cancer of the stomach and ulcerous processes, by
G. E. Koritskii
(Biological Sciences--Pathology, TT, v. 8, no. 9)
(over)

- I. Title: Cancer ...
- II. Title: All-Union ...
- III. National Institutes of Health,
Bethesda, Md.

Office of Technical Services

62-24588-3

QUESTIONS OF ONCOLOGY. PT. III: CANCER OF
THE CERVIX (Voprosy Onkologiy) tr. by Zelds
Knowles. 1954 [266]p.
Order from OTS or SLA \$17.00 62-24588-3

Trans. of mono. Trudy Vsesoyuznoi Onkologicheskoi
Konferentsii (All-Union Oncological Conference)
(no. 2) [held at] Leningrad, Jan 47, Moscow, 1950,
p. 305-422.

DESCRIPTORS: *Cancer, *Uterus, Tumors, Neo-
plasms, *Diagnosis, *X-rays, *Radium, Healing,
*Surgery, *Reticulo-endothelial system, Therapy,
*Lymphatic system, Abdomen, Histology, *Metab-
olism, *Thorium.

Contents:

Prophylaxis of cancer of the cervix, by
V. E. Tsymbal
(Biological Sciences--Pathology, TT, v. 8, no. 9)
(over)

- I. Title: Cancer ...
- II. Title: All-Union ...
- III. National Institutes of
Health, Bethesda, Md.

Office of Technical Services

62-24588-4

QUESTIONS OF ONCOLOGY. PT. IV: MISCELLANEOUS MALIGNANT TUMORS (Voprosy Onkologii) tr. by Zaida Knowles. 1954 [208]p.
Order from OTS or SLA \$14.00 62-24588-4

Trans. of mono. Trudy Vsesoyuznoi Onkologicheskoi Konferentsii (All-Union Oncological Conference) (no. 2) [held at] Leningrad, Jan 47, Moscow, 1960, p. 423-522.

DESCRIPTORS: *Cancer, *Tumors, *Neoplasms, *Intestine, *Surgery, Digestive system, Sensitivity, Amputation, Excision, *Radio activity, *Sarcoma, Radium, Therapy, *Mouth, *Thyroid gland, *Ultraviolet radiation, Blood, *Mitosis, Inhibition, *Polarographic analysis, Diagnosis.

Contents:

Operative treatment of cancer of the rectum, by S. A. Kholdin
(Biological Sciences--Pathology, TT, v. 8, no. 9)(over)

1. Title: Mitogenic emanation
- I. Title: Miscellaneous ...
- II. Title: All-Union ...
- III. National Institutes of Health, Bethesda, Md.

Office of Technical Services

Problems in Ecology, the Geographic and
Stratigraphic Distribution of the Brachiopods
in the Jurassic Deposits of Russia, by V. P.
Mal'kridin,

RUSSIAN, per, Trudy Vses Paleontologicheskoe
Obshchestvo, Vol I, 1957, pp 158-162.

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Sci - Biol
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Methods of Isolating the Phenols in Smoked Fish
and Their Qualitative Analysis, by A. I. Yuditskaya,
T. M. Lebedeva,
RUSSIAN, per, Trudy Vsesoyuznogo Nauchno-issledovatel'skogo
Instituta Morskogo Rybnogo Khozyaistva i, i Okeanografii, (VNIRO), Vol 45, 1962, pp 47-56
HLL RTB 2959
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May 67

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A Study of Elastic Properties, the Mechanism of
Soil Compaction and the Degree of Preservation
of Rocks by Ultrasonic Methods, by V. I. Koptev.

RUSSIAN, rpt, Trudy Vsesoyuznyy Proyektno-
Izyskatel'skiy i Nauchno-Issledovatel'skiy
Institut "Gidroyekt," Sbornik Devyatyy,

1963, pp 323-357.

AIH/FTD/MT-24-399-67

Sci/Earth Sci
Feb 69

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Factors Promoting Powerful Development of the
Brain in Odontogeti, by A. G. Tomilin, 8 pp.
RUSSIAN, per, Trudy Vsesoyuznogo Sel'
skokhozyaystvennogo Instituta Zoonogo
Obrazovaniya, Moscow, No 31, 1958, pp 191-200.
JPRS 49777

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Stability of Systems with Delay, by S. N. Shimanov
RUSSIAN, rpt, Vsesoyuznyi Sezd po Teoreticheskoi
i Prikladnoi Mekhanike, (no 2) Trudy Sezda, Moscow,
Jan 29-Feb 5, 1964, Pub 1965 pp 170-180
NTC 71-16509-20K

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Method of Computing a Point Elast. in a Gas Taking
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ispol's. voprosy, Frunze, Ilim, 1965, pp 74-82.

*FTD-HT-23-127-68

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Ye. G. Zelkin. 7 p.
RUSSIAN, per, Trudy Vsesoyuznyy Simpozium
Po Difraktsii Voln. III, No 3, 24-30 Sep.
1964, pp 137-141. 9699953
FTD-TT-65-1601

Sci/electronics
Apr 66

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Setting and Program Controlling of Boundary Conditions in the Solution of Nonstationary Boundary Problems, by A. V. Murorskiy.

RUSSIAN, rpt, Trudy Vsesoyuznogo Soveshchaniya,
AN SSSR, AN UkrSSR, Mauchno-Tekhnicheskoye

Obshchestvo Radiotekhniki i Elektrosvyazi im.

A S Popova, 1964, pp 74-84.

*FTD-MT-67-34

Sci/Electronics

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Synthesis of Certain New Ganglion-Blocking and
Curare-Like Substances, Starting from Furfural,
by S. A. Miller, Kh. M. Vasserman, 9 pp.

RUSSIAN, per, Trudy Vsesoiuzno Soveschania,
1958, pp 393-401.

CIA/FDD XX-1425
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Polarographic Determination of Ruthenium and
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Analiza Blagorod Metallov, 1963, pp 76-80.
NTC 69-15546-07B

Sci.-Chem
Dec 69

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Dislocations in Ion Crystals, by
V. L. Indenbon, 20 pp.
RUSSIAN, per, Trudy II Vsesoyuznogo
Soveshchaniya, Latviyskiy Gosudarstvennyy
Universitet im. P. Stuchki "Fizika
Shchelochmegaloidnykh Kristallov"
Riga, 19-24 Iyunya 1961 G., 1962,
pp 439-452. 9697078
FTD-TT-64-1183

Sci-M/M
Jun 65

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60-21906

Pasternak, P. S.
THE EROSION OF FOREST SOILS IN VARIOUS
TYPES OF FORESTS IN THE CARPATHIAN MOUN-
TAIN ZONE IN CONNECTION WITH LUMBERING
(Eroziya Lesnykh Pochv v Raznykh Tipakh Lesa Gornoi
Zony Karpat v Suyazi s Rubkami Glavnogo Po'zovaniya).
1961. 7p. PL-480 Agr.
Order from OTS \$0.50

60-21906

Trans. of mono. Vsesoyuznoe Soveshchanie po Bor'be
s Eroziyey Pochv (All-Union Conference on the Preven-
tion of Soil Erosion) 1955. [Trudy, 1957] v. 6,
p. 577-586.

DESCRIPTORS: Mountains, Forestry, Trees, *Soils,
*Erosion.

On mountain slopes 35° steep, after complete cutting,
the erosion processes develop mildly and do not cause
(Agriculture--Plant Cultivation, TT, v. 7, no. 7)(over)

- I. Pasternak, P. S.
- II. Title: All-Union ...
- III. PL-480 Agr (60-21906)
- IV. National Science Foundation,
Washington, D. C.

Office of Technical Services

60-51027

Zrazhevskii, A. I.
SOIL EROSION IN THE FOREST ZONE OF THE
CARPATHIANS AND METHODS OF FIGHTING IT
(Eroziya Pochv v Lesnoi Zone Karpat i Meropriyatiya
po Bor'be s Neyu). [Dec 61] 6p. 9 refs. PL-480 Agr.
60-51027
Order from OTS \$0.50

Trans. of mono. Vsesoyuznoe Soveashchanie po Bor'be
s Eroziy Pochv [held] 1955. [Trudy. 1957] v. 6,
p. 587-593.

DESCRIPTORS: Mountains, Forestry, *Trees, *Soils,
Erosion, Countermeasures, USSR

(Agriculture--Plant Cultivation, TT, v. 7, no. 4)

- I. Zrazhevskii, A. I.
- II. PL-480 Agr (60-51027)
- III. National Science
Foundation, Washington,
D. C.

Office of Technical Services

60-21879

Doshchanov, M. B.
AN ATTEMPT TO INVESTIGATE SOIL EROSION
UNDER THE MOUNTAIN RELIEF CONDITIONS OF
THE UZBEK SSR (Opyt izucheniya Erozi Pochv v
Usloviyakh Gornogo Rel'efa Uzbekskoi SSR). 1962,
7p. PL-480 Agr.
Order from OTS \$0.50

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Trans. of Vsesoyuznoe Soveshchanie po Bor'be s
Erozi Pochv. (All-Union Conference on Prevention
of Soil Erosion) [held] 1955 [Trudy, 1957] v. 6,
p. 619-626.

DESCRIPTORS: *Soils, *Erosion, Analysis, Control,
Geophysics, Mountains, Plants, Growth, Fertility.

Plots under mixed grasses were second to those of the
plow-land plots in respect to the quantity of soil run-
off. The sowing of grasses, when compared with the
turf covered slopes, does not prove as effective in
protecting the soil from erosion. This is especially
(Agriculture--Plant Cultivation, TT, v. 7, no. 10)
(over)

I. Doshchanov, M. B.
II. Title: All-Union...
III. PL-480 Agr (60-21879)
IV. National Science Foundation,
Washington, D. C.

Office of Technical Services

Electron Paramagnetic Resonance (ERP) of Some
Color Centers in Alkali Halide Crystals, by
A. A. Bugay, et al.

RUSSIAN, per, Trudy II Vsesoyuznogo Soveshchan-
iya, Elektronnyy Paramagnitnyy Rezonans Nekot-
orykh Tsentrov Okraski v Shchelochnogaloidnykh
Kristallov, Riga, 19-24 June 1961g, 1962,
pp 432-436.

*FTD-HT-66-424

Sci/Electronics
Jul 66